

A NEW SPECIES AND A NEW VARIETY OF NOCTUID
MOTHS FROM SOUTHERN CALIFORNIA

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Antaplaga caliente, n. sp.

Antennae of ♂ and ♀ finely ciliated.

Head and thorax concolorous with primaries.

Abdomen clay yellow.

Ground color of primaries yellow white, with a dense scaling of grayish olive green or yellow green, about equally divided numerically, giving them together with head and thorax a finely "peppered" appearance.

Ordinary spots obsolete, with a narrow white T. A. and T. P. line, the latter being slightly out curved before middle and somewhat wider than T. A. line.

The S. T. line is faintly discernable, with a prominent white spot at apex, becoming sub obsolete before the hind angle. This spot and line is obsolete in some examples.

Secondaries translucent smoky white with a marginal band from external line outward, slightly darker. Fringe white.

Beneath, primaries and secondaries of a shining smoky white.

Expanse 23 to 29 mm.

Both sexes similar in general habitus.

Described from 18 ♂ and 5 ♀.

Locality of types: Indio, Riverside County, and Indian Wells, Southern California. October 16th to 26th, 1921.

Number and sexes of types:

Holotype ♂, allotype ♀, 17 paratype ♂ ♂, and 7 paratype ♀ ♀ all in collection of the author with the exception of 3 ♂ ♂ and 2 ♀ ♀ loaned from the collection of Karl Coolidge which I have made paratypes.

Condition of types generally good to perfect.

Named for the Agua Caliente Indians on whose reservation the types were taken.

I am indebted to Dr. Dyar for the privilege of describing this species and the following new sub species, to whom I submitted these specimens on his visit here last fall, and to Mr. Karl Coolidge for the loan of specimens, assistance through correspondence with Dr. Dyar, of both these species described in this paper.

Perigrapha puncticostata strigatteria, var. nov.

Antennae of male bipectinate, female, ciliate.

Head, thorax, legs and ground color of fore-wings concolorously ferruginous, paler than *puncticostata*, of which I have four specimens before me all topotypes, one probably paratype ♂ from Dr. Dyar through Karl Coolidge.

Habitus similar to *P. puncticostata* Dyar, described in "Insecutor Insecti Menstruus," but with all the ordinary lines and reniform sharply defined by a deeper shade of ferruginous, as are the nervures, bringing same out in sharp contrast.

Secondaries and abdomen concolorous, pale ferruginous with discal mark, exterior line and terminal line a brown black.

The white spots on costal margin present as in typical *puncticostata*.

Expanse of wings: 34 to 36 mm. Both sexes similar.

Type locality: San Diego, Calif., during February.

Number and sexes of type:

Holotype ♂, allotype ♀ in collection of the author and one paratype ♂, one paratype ♀ in collection of Mr. Karl Coolidge to whom I am indebted for the loan of paratypes and gift of ♀ allotype.

Dr. Dyar thought it worth a name, when I pointed out this form and it is with his kind suggestion that I venture to describe this striking form.

This species is closely allied to *Orthosea ferrigera* Smith of which I have three examples before me, taken on Vancouver Island, Br. Col.

The types are all in beautiful condition. The ♀ allotype is the most prominently marked specimen.

